

Abstract

System and method for specifying a signal analysis function. User input is received specifying a first operation implementing at least a portion of a signal analysis function. Prior operations input by the user are programmatically analyzed to determine
5 and assign an input source for the first operation that provides a first input signal, e.g., based on inputs and their signal or data types required for the first operation, one or more prior operations are determined that provide respective output signals of the respective signal or data types, where the one or more prior operations comprise the input source, and where the respective output signals comprise the first input signal. The first
10 operation is performed on the first input signal, producing an output signal which is then displayed on a display. The programmatically analyzing, performing, and displaying are performed for each of a plurality of first operations input by the user.